INTERNATIONAL SEARCH REPORT

Internati Application No 03/00551

A. CLASSIFICATION OF SUBJECT STATES TO THE PROPERTY OF SUBJECT STATES TO THE SUBJECT STATES TO THE SUBJECT STATES TO THE SUBJECT STATES TO THE HU1L23/051

H01L25/07

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, INSPEC

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 006, no. 055 (E-101), 10 April 1982 (1982-04-10) -& JP 56 167352 A (MITSUBISHI ELECTRIC CORP), 23 December 1981 (1981-12-23)	1-3
Υ	abstract	4,5
X	EP 0 932 201 A (HITACHI LTD) 28 July 1999 (1999-07-28) column 10, line 31 - line 34 column 11, line 31 - line 52; figure 8 column 22, line 36 - line 50	1-3,10
Y	US 5 008 735 A (EDMOND JOHN A ET AL) 16 April 1991 (1991-04-16) column 2, line 63 - line 67 column 5, line 65 -column 6, line 40	4

Further documents are listed in the continuation of box C.	X Patent family members are listed in annex.
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed 	 *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report
14 November 2003	02/12/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer
NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Ahlstedt, M

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C.(Continuation) DOCUMENTS CONS. LED TO BE RELEVANT					
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Y	US 3 280 383 A (REIMER EMEIS) 18 October 1966 (1966-10-18) claims 9,13		5		
A	US 4 816 424 A (FUJITA ICHIRO ET AL) 28 March 1989 (1989-03-28) column 1, line 24 - line 32 column 2, line 40 - line 53 column 4, line 47 -column 5, line 22		4		
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